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     6
         MAR 03
         MAR 03
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      7
NEWS
     8
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                 Pharmaceutical Substances (PS) now available on STN
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     9
         MAR 29
                 WPIFV now available on STN
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         MAR 29
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NEWS 11
         MAR 29
                 PROMT: New display field available
NEWS 12
         APR 26
NEWS 13
         APR 26
                 IFIPAT/IFIUDB/IFICDB: New super search and display field
                 available
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         APR 26
                 LITALERT now available on STN .
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         APR 27
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         May 19
                 and June 2004
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         May 12
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         May 12
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         May 27
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         May 27
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100.0% PROCESSED 588 ITERATIONS

36 ANSWERS

SEARCH TIME: 00.00.01

L2 36 SEA SSS FUL L1

=> d 1-36 12

L2 ANSWER 1 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

RN 335627-14-0 REGISTRY

CN Butanediamide, N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N1-hydroxy-2-(1-methylethoxy)-3-(2-naphthalenylmethyl)-, (2S,3R)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C25 H35 N3 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

# \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

RN 253201-89-7 REGISTRY

CN Butanediamide, 2-(1,1-dimethylethoxy)-N4-[(1S)-2,2-dimethyl-1[(methylamino)carbonyl]propyl]-3-(2-naphthalenylmethyl)-N1-(phenylmethoxy), (2S,3R)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C33 H43 N3 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 3 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-70-6 REGISTRY
- CN Butanediamide, 2-(benzo[b]thien-5-ylmethyl)-N1-[(1S)-2,2-dimethyl-1[(methylamino)carbonyl]propyl]-N4-hydroxy-3-propoxy-, (2R,3S)- (9CI) (CA
  INDEX NAME)
- FS STEREOSEARCH
- MF C23 H33 N3 O5 S
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 4 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-61-5 REGISTRY
- CN Butanediamide, 2-[(3,4-dihydro-2H-1-benzopyran-3-yl)methyl]-N1-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N4-hydroxy-3-propoxy-, (2R,3S)-(9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C24 H37 N3 O6

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 5 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

RN 253201-57-9 REGISTRY

CN Butanediamide, 2-[(2,3-dihydro-1H-inden-2-yl)methyl]-N1-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N4-hydroxy-3-propoxy-, (2R,3S)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C24 H37 N3 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

# Absolute stereochemistry.

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 6 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

RN 253201-56-8 REGISTRY

CN Butanediamide, N1-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N4-hydroxy-3-propoxy-2-[(6,7,8,9-tetrahydro-5H-benzocyclohepten-7-yl)methyl]-, (2R,3S)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C26 H41 N3 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 7 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

RN 253201-55-7 REGISTRY

CN Butanediamide, N1-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N4-hydroxy-2-(2-naphthalenylmethyl)-3-(2-thiazolylmethoxy)-, (2R,3S)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C26 H32 N4 O5 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 8 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-54-6 REGISTRY
- CN Butanediamide, N1-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N4-hydroxy-2-(2-naphthalenylmethyl)-3-(1,2,4-oxadiazol-3-ylmethoxy)-, (2R,3S)- (9CI) (CA INDEX NAME)
- FS STEREOSEARCH
- MF C25 H31 N5 O6
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

## Absolute stereochemistry.

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 9 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-41-1 REGISTRY
- CN Butanediamide, N1-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N4-

hydroxy-3-propoxy-2-[[(2S)-1,2,3,4-tetrahydro-2-naphthalenyl]methyl]-, (2R,3S)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C25 H39 N3 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

### Absolute stereochemistry.

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 10 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

RN 253201-32-0 REGISTRY

CN Butanediamide, N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N1-hydroxy-2-[2-(4-methyl-1-piperazinyl)-2-oxoethoxy]-3-(2-naphthalenylmethyl)-, (2S,3R)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C29 H41 N5 O6

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

# \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 11 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

RN 253201-31-9 REGISTRY

CN Butanediamide, N1-[(1S)-5-(dimethylamino)-2,2-dimethyl-1-[(methylamino)carbonyl]pentyl]-N4-hydroxy-2-(2-naphthalenylmethyl)-3propoxy-, (2R,3S)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C29 H44 N4 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

# Absolute stereochemistry.

#### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 12 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

RN 253201-30-8 REGISTRY

CN Butanediamide, N4-[(1S)-5-(dimethylamino)-1-[(methylamino)carbonyl]pentyl]-2-ethoxy-N1-hydroxy-3-(2-naphthalenylmethyl)-, (2S,3R)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C26 H38 N4 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 13 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-29-5 REGISTRY
- CN Butanediamide, N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N1-hydroxy-2-[2-(4-morpholinyl)-2-oxoethoxy]-3-(2-naphthalenylmethyl)-, (2S,3R)- (9CI) (CA INDEX NAME)
- FS STEREOSEARCH
- MF C28 H38 N4 O7
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 14 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-28-4 REGISTRY
- CN Butanediamide, N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N1-hydroxy-2-(2-hydroxy-2-phenylethoxy)-3-(2-naphthalenylmethyl)-, (2S,3R)-(9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C30 H37 N3 O6

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 15 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

RN 253201-26-2 REGISTRY

CN Butanediamide, 2-(benzo[b]thien-2-ylmethyl)-N1-[(1S)-2,2-dimethyl-1[(methylamino)carbonyl]propyl]-3-ethoxy-N4-hydroxy-, (2R,3S)- (9CI) (CA
INDEX NAME)

FS STEREOSEARCH

MF C22 H31 N3 O5 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 16 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-20-6 REGISTRY
- CN Butanediamide, 2-[2-(dimethylamino)ethoxy]-N4-[(1S)-2,2-dimethyl-1[(methylamino)carbonyl]propyl]-N1-hydroxy-3-(2-naphthalenylmethyl)-,
  (2S,3R)- (9CI) (CA INDEX NAME)
- FS STEREOSEARCH
- MF C26 H38 N4 O5
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 17 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-19-3 REGISTRY
- CN Butanediamide, N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-2-[2-(2,5-dioxo-1-pyrrolidinyl)ethoxy]-N1-hydroxy-3-(2-naphthalenylmethyl)-, (2S,3R)- (9CI) (CA INDEX NAME)
- FS STEREOSEARCH

MF C28 H36 N4 O7

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 18 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

RN 253201-18-2 REGISTRY

CN Butanediamide, N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N1-hydroxy-2-(2-hydroxyethoxy)-3-(2-naphthalenylmethyl)-, (2S,3R)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C24 H33 N3 O6

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 19 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

RN 253201-17-1 REGISTRY

CN Butanediamide, 2-[2-(acetyloxy)ethoxy]-N4-[(1S)-2,2-dimethyl-1[(methylamino)carbonyl]propyl]-N1-hydroxy-3-(2-naphthalenylmethyl)-,
(2S,3R)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C26 H35 N3 O7

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

#### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 20 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-16-0 REGISTRY
- CN Butanediamide, N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N1-hydroxy-2-(2-hydroxypropoxy)-3-(2-naphthalenylmethyl)-, (2S,3R)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C25 H35 N3 O6

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 21 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

RN 253201-15-9 REGISTRY

CN Butanediamide, 2-[2-(acetyloxy)propoxy]-N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N1-hydroxy-3-(2-naphthalenylmethyl)-, (2S,3R)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C27 H37 N3 O7

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 22 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-14-8 REGISTRY
- CN Butanediamide, 2-[3-(dimethylamino)propoxy]-N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N1-hydroxy-3-(2-naphthalenylmethyl)-, (2S,3R)- (9CI) (CA INDEX NAME)
- FS STEREOSEARCH
- MF C27 H40 N4 O5
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
- DT.CA CAplus document type: Patent

### Absolute stereochemistry.

## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 23 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-13-7 REGISTRY
- CN Butanediamide, N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N1-hydroxy-2-(3-hydroxypropoxy)-3-(2-naphthalenylmethyl)-, (2S,3R)- (9CI) (CA INDEX NAME)
- FS STEREOSEARCH
- MF C25 H35 N3 O6
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 24 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-12-6 REGISTRY
- CN Butanediamide, 2-[3-(acetyloxy)propoxy]-N4-[(1S)-2,2-dimethyl-1[(methylamino)carbonyl]propyl]-N1-hydroxy-3-(2-naphthalenylmethyl)-,
  (2S,3R)- (9CI) (CA INDEX NAME)
- FS STEREOSEARCH
- MF C27 H37 N3 O7
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

# Absolute stereochemistry.

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 25 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-11-5 REGISTRY
- CN Butanediamide, N1-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N4-hydroxy-2-(2-naphthalenylmethyl)-3-(2-oxo-2-phenylethoxy)-, (2R,3S)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C30 H35 N3 O6

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P. Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

# \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 26 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

RN 253201-10-4 REGISTRY

CN Butanediamide, N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N1-hydroxy-2-[2-[(2-hydroxyethyl)amino]-2-oxoethoxy]-3-(2-naphthalenylmethyl)-, (2S,3R)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C26 H36 N4 O7

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ANSWER 27 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN L2

253201-09-1 REGISTRY RN

Butanediamide, 2-[2-[[2-(acetyloxy)ethyl]amino]-2-oxoethoxy]-N4-[(1S)-2,2-CNdimethyl-1-[(methylamino)carbonyl]propyl]-N1-hydroxy-3-(2naphthalenylmethyl) -, (2S, 3R) - (9CI) (CA INDEX NAME)

FS STEREOSEARCH

C28 H38 N4 O8 MF

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL DT.CA CAplus document type: Patent

Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2ANSWER 28 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

253201-08-0 REGISTRY RN

Butanediamide, 2-[2-[[2-(dimethylamino)ethyl]amino]-2-oxoethoxy]-N4-[(1S)-CN2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N1-hydroxy-3-(2naphthalenylmethyl) -, (2S, 3R) - (9CI) (CA INDEX NAME)

FS STEREOSEARCH

C28 H41 N5 O6 MF

SR

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL DT.CA CAplus document type: Patent

Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

# \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- ANSWER 29 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN L2

RN253201-06-8 REGISTRY

CN Butanediamide, 2-(1,1-dimethylethoxy)-N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N1-hydroxy-3-(2-naphthalenylmethyl)-, (2S,3R) - (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C26 H37 N3 O5

SR

LCSTN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

# \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 30 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-04-6 REGISTRY
- CN Butanediamide, N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N1-hydroxy-2-(2-methylpropoxy)-3-(2-naphthalenylmethyl)-, (2S,3R)- (9CI) (CA INDEX NAME)
- FS STEREOSEARCH
- MF C26 H37 N3 O5
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
- DT.CA CAplus document type: Patent

Absolute stereochemistry.

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 31 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-02-4 REGISTRY
- CN Butanediamide, N1-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N4-hydroxy-2-(2-naphthalenylmethyl)-3-(1-oxopropoxy)-, (2R,3S)- (9CI) (CA INDEX NAME)
- FS STEREOSEARCH
- MF C25 H33 N3 O6

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

## Absolute stereochemistry.

# \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 32 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253201-01-3 REGISTRY
- CN Butanediamide, N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N1-hydroxy-2-methoxy-3-(2-naphthalenylmethyl)-, (2S,3R)- (9CI) (CA INDEX NAME)
- FS STEREOSEARCH
- MF C23 H31 N3 O5
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
- DT.CA CAplus document type: Patent

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 33 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

RN 253201-00-2 REGISTRY

CN Butanediamide, N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-2-ethoxy-N1-hydroxy-3-(3-quinolinylmethyl)-, (2S,3R)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C23 H32 N4 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 34 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN

RN 253200-95-2 REGISTRY

CN Butanediamide, N4-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-2-ethoxy-N1-hydroxy-3-(2-naphthalenylmethyl)-, (2S,3R)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C24 H33 N3 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 35 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253200-75-8 REGISTRY
- CN Butanediamide, N1-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N4-hydroxy-2-(2-naphthalenylmethyl)-3-propoxy-, (2R,3S)- (9CI) (CA INDEX NAME)
- FS STEREOSEARCH
- MF C25 H35 N3 O5
- SR CA
- LC STN Files: CA, CAPLUS, IMSDRUGNEWS, IMSRESEARCH, TOXCENTER, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 36 OF 36 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 253200-74-7 REGISTRY
- CN Butanediamide, N1-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N4-hydroxy-2-(2-naphthalenylmethyl)-3-(2-propenyloxy)-, (2R,3S)- (9CI) (CA INDEX NAME)
- FS STEREOSEARCH
- MF C25 H33 N3 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY

SESSION 219.77

219.56

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FILE COVERS 1907 - 12 Jun 2004 VOL 140 ISS 25 FILE LAST UPDATED: 11 Jun 2004 (20040611/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L3 2 L2

=> d 1-2 bib abs 13

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L3
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      2001:319862 CAPLUS
AN
DN
      134:326768
TI
      Preparation of hydroxamic acid derivative as inhibitor of the formation of
      soluble human CD23
IN
      Faller, Andrew; Ward, John Gerard
PA
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SO
      PCT Int. Appl., 27 pp.
      CODEN: PIXXD2
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LA
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     PATENT NO.
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                                               APPLICATION NO.
                                                                  DATE
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AΒ
     Amino acid derivative HONHCOCH(OR)CHR1CONHCHR2CONH(O)nR3 [R = i-Pr; n = 0; R1
     = naphthylmethyl; R2 = t-Bu; R3 = Me] was prepared for treatment of
     disorders mediated by s-CD23. Thus, N'-[4-(hydroxyamino)-3S-isopropoxy-2R-
     (2-naphthylmethyl)succinyl]-S-tert-leucine methylamide was prepared from
     tert-Bu (3R)-carboxy-4-(2-naphthyl)butyrate by conversion to the
     propiolactone derivative using lithium bis(trimethylsilyl)amide and
     N-iodosuccinimide, coupling with (S)-tert-leucine benzyl ester,
     isopropylation, catalytic hydrogenolysis, methylamidation, ester cleavage,
     and hydroxylamidation. The product was assayed for ability to release
     soluble CD23, to inhibit collagenase and release of TNF\alpha from human
     monocytes stimulated by lipopolysaccharide (LPS) endotoxin. The i.v.
     pharmacokinetic parameters and oral bioavailability were also studied.
RE.CNT 2
               THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT
L3
     ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
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     1999:819335 CAPLUS
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ΤI
     Preparation of hydroxamic acid derivatives as inhibitors of the production
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Faller, Andrew; MacPherson, David Timothy; Milner, Peter Henry; Mistry,

of human CD23 and the release of TNF

Jayshree; Ward, John Gerard

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PA
     Smithkline Beecham PLC, UK
     PCT Int. Appl., 103 pp.
SO
     CODEN: PIXXD2
DT
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     English
LA
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PRAI GB 1998-13451
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     WO 1999-GB1954
                          W
OS
     MARPAT 132:64523
     Amino acid derivs. HONHCOCH(OR)CHR1CONHCHR2CONH(O)nR3 [R = Me substituted
AB
     by one to three groups selected from alkyl, aryl, alkenyl, and alkynyl; n
     = 0 or 1; R1 = arylmethyl or heterocyclylmethyl; R2 = alkyl, alkenyl,
     aryl, cycloalkyl, cycloalkenyl; R3 = H, alkyl, alkenyl, alkynyl, or aryl]
     were prepared for treatment of disorders mediated by s-CD23 or TNF. Thus,
     N'-[3S-(allyloxy)-4-(hydroxyamino)-2R-(2-naphthylmethyl)succinyl]-S-tert-
     leucinamide was prepared from tert-Bu (3R)-carboxy-4-(2-naphthyl)butyrate by
     conversion to the propiolactone derivative using lithium
     bis(trimethylsilyl)amide and N-iodosuccinimide, coupling with
      (S)-tert-leucinamide, allylation, and conversion the hydroxylamide.
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THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT